



## NDZ760

### 1.3MP Pan/Tilt Network Camera

1/4" sensor, multiple streaming, full frame rate, ICR day/night, pan & tilt, intelligent detections, local storage

The NDZ760 Pan/Tilt Network Camera is a smart, compact solution, fit for homes, small businesses, offices or restaurants. The camera brings superior image quality, featuring 1.3-megapixel resolution at full frame rate provided in H.264 and M-JPEG compression. Featuring pan/tilt capabilities, 3-meter (11ft) IR LED, and true ICR day/night, the camera is great for 24/7 surveillance monitoring entrances or tracking movements. It is also very easy to install and duly supports plug-and-play when combined with MESSOA Lite NVR Solution, perfect for users who are new to the technology but want to take a leap forward from analog.



#### True Day/Night with Mechanical ICR

The camera automatically switches between color and B/W modes according to the light changes in the environment. It provides perfect color images at day time by filtering out IR light and crisp monochrome images as light diminishes below a certain level.



#### H.264/MJPEG Multi-profile Streaming

The camera supports multi-profile streaming in H.264 and Motion JPEG compression. H.264 enables optimization for bandwidth and storage efficiency by maximizing compression while maintaining image quality.



#### Pan/Tilt Capability

The Pan/Tilt function offers 355-degree pan and 120-degree tilt control, allowing users to monitor a much larger and wider area, while maximizing the field of view instead of just seeing straight ahead.



#### Intelligent Video Management

The camera features motion detection, event management and smart encoding, allowing event/region-specific monitoring that help users stay informed when an event takes place, while reducing network and storage loads as only relevant video streams will be recorded.



#### NVR Solution Ready

The camera supports plug-and-play when joined with the MESSOA Lite NVR Solution, making installation hassle-free. Ideal for users who are new to IP technology but want to take a leap forward from analog.

## Specifications

Video	
Sensor Type	1/4" image sensor
Active Pixels	1280 x 1024 (HxV)
Compression	H.264 / Motion JPEG
Streaming	Simultaneously multi-profile streaming
Resolution	SXGA, VGA, QVGA, 160x120 (1.3 Mega Mode); 720P, 640x360, 160x90 (720p Mode)
Max. Frame Rate	1.3MP (1280x1024) at 30 fps (NTSC/PAL)
Day/Night	Mechanical (ICR) D/N Control
Day/Night Mode	Night Mode / Day Mode / Auto / Schedule
Shutter Time	Range from 1/120s to 1/5s Selectable (60Hz); Range from 1/100s to 1/4s Selectable (50Hz)
Minimum Illumination	IR LED OFF: 1.6 Lux @50IRE (Shutter speed: 1/15 sec) IR LED ON: 0 Lux
Bit Rate Control	Multi-profile bit rate control: CBR/ VBR/ ECVBR/ EVBR
Lens	
Type, Focal Length, F-number	Built-in Fixed lens, f=4.2 mm, F1.8(Megapixel lens)
View Angle	H: 50° / V: 38° (1.3MP Mode) H: 50° / V: 26° (720p Mode)
P/T Operation	
Pan Range	355° (-177.5° ~ +177.5°)
Tilt Range	120° (-30° ~ +90°)
Manual Pan Speed	90°/ second (max); 1°/ second (min)
Manual Tilt Speed	90°/ second (max); 1°/ second (min)
Preset Speed	90°/ second (max); 1°/ second (min)
Programmable Presets	128
Stop Time	0 to 86400 seconds customized threshold
Functionalities	Auto pan mode, Auto tour mode (up to 16 tours)
IR LEDs	
LED Quantity	12pcs (850nm)
IR Distance	3 meters (11 ft.)
IR turn on status	Customized threshold adjustable
LED Life	More than 10,000 hours (40°C)
Audio	
Audio Communication	Simplex or Full duplex (2-way audio) Selectable
Compression	RTSP: G.711 64kbps, G.726 32kbps Selectable 3GPP: AMR
Audio In/Out	Built-in microphone External microphone and speaker
Image Enhancement	
Image Settings	AWB, AES Exposure Mode: Auto/ Hold/Manual; White Balance: Auto/ Hold; Exposure Value, Sharpness, Color, Brightness, Contrast: 101 level sensitivity 3D Noise Reduction (De-Noise): Off/ On
Privacy Zone	Yes; customized threshold privacy zone (up to 8)
Image Orientation	Mirror, Flip
Frequency Control	50Hz, 60Hz
Date & Time Stamp	Yes
Test Overlay	Yes
Intelligent Video & Event Management	
Motion Detection	Up to 10 customized threshold detection windows with included or excluded options, 101 detected object size or level sensitivity
Smart Encoding	Up to 2 Configurable ROI for better picture quality and bandwidth efficiency
Others	Snapshot, e-PTZ, Optimized i-frame setting, Video Buffer
Events	Motion detection, External(Sensor Trigger) alarm
Event Actions	File upload via FTP, SMTP, SAMBA(NAS) and SD Card; Notification via voice alert, email, HTTP and TCP; External output activation; Video and audio recording to SD Card or SAMBA Go Tour/ to Preset activation ICR (0~86400 Seconds) activation
Store Category	Alarm / Motion / Schedule Stores video clips and snapshots
Local Storage	
Memory Card Slot	Micro SD / Micro SDHC Card up to 32 GB
Memory Card Overwrite	Yes
Network	
Protocol	IPv4, TCP/IP, UDP, HTTP, SMTP, DNS, DHCP, NTP, FTP, RTP, RTSP, RTCP, ICMP, UPnP, IPv6, HTTPS, DDNS, DIPS, ARP, Bonjour, IGMP, PPPoE, 3GPP, SAMBA
Ethernet	10/100Mbps; 10Base-T/100Base-TX Ethernet connection for LAN / WAN, RJ-45
ONVIF	YES
Browser	IE Browser 6.0 or above
Security	Two-level access with password protection; IP address filtering; HTTPS encrypted data transmission
I/O & Controls	
Power	DC Jack (2.0mm)
Alarm In/Out	Terminal Block 1 in / 1 out
Network	RJ-45 with network LED x2 (Green & Orange)
Audio In/Out	3.5mm Phone Jack 1 in / 1 out
Reset	More than 5 sec for loading default
Power	
Power Requirement	DC 12V ± 10%
Power Consumption (Max.)	6.5W
Mechanical	
Dimensions (WxDxH)	86 x 81 x 97mm (3.38" x 3.19" x 3.82")
Weight	185g
Environmental	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	20~ 80% RH
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Regulatory	
Approvals	CE, FCC, RoHS
Order Information	
Model No.	(MESSOA Brand) NTSC: NDZ760-HN1-US-MES; PAL: NDZ760-HP1-EU-MES  (Non-Brand) NTSC: NDZ760-HN1-US; PAL: NDZ760-HP1-EU
Accessories	Wall mount/Ceiling mount kit with standard package support; 12V/1A External power adapter

## Dimensions

